Vegetation Unit Summaries for **Kerr Site** (**KERR**)

Report date: 7/29/2009 '*' = non-native invasive species

Visit data as of: 7/29/2009

Unit KERR*001

Size: 3.56 Acres

NVCS Class: Woodland

NVCS Subclass: Mixed evergreen-deciduous woodland

NVCS Group: Mixed needle-leaved evergreen - cold-deciduous woodland

NVCS SubGroup: Natural / Semi-natural

NVCS Ecological System: CES204.845 North Pacific Dry Douglas-fir Forest and Woodland

Landform: Side-hill, Middle 3rd

Slope: Gentle (5 to 10%)

Aspect: Northeast

Notes:

Visit date: 8/26/2003

Ecological Health: Severely Degraded.

% Tree canopy: 35%

% Non-Native Cover: not recorded

General Note:

Unit is surrounded by residential areas. Impacts include noise, yard debris and invasive infestation.

Management Note:

This unit has heavy invasive infestation. The upper canopy is the only significant native species in unit. Massive restoration work is needed to create a healthy functioning natural area.

Eco Note:

CLVI has moved into the canopy and is taking over. In areas of heavy infestation trees and shrubs are disappearing under the CLVI.

Wetland indicators: Hydrophilic Vegetation.

Primary Management concerns: Invasives, Yard Debris, Informal Trails.

Visit Species:

| • | COVER CLASS | DOMINANT | DBH | REGENERATING | PLANTED |
|--|-------------|----------|--------|--------------|---------|
| Clematis vitalba (clematis) | 50% to 75% | Y | | | |
| Rubus discolor (Himalayan blackberry) | 50% to 75% | Y | | | |
| Pseudotsuga menziesii (Douglas fir) | 10% to 20% | Y | 20-30" | | |
| Alnus rubra (red alder) | 10% to 20% | Y | 10-20" | Y | |
| Corylus cornuta (western beaked hazelnut) | 10% to 20% | | | | |
| Oemleria cerasiformis (Indian-plum) | 10% to 20% | | | | |
| Polystichum munitum (sword fern) | 10% to 20% | | | | |
| Populus balsamifera ssp. trichocarpa (black cott | 1% to 10% | | 10-20" | Y | |
| Prunus avium (sweet pie cherry) | 1% to 10% | | 10-20" | | |
| Acer macrophyllum (bigleaf maple) | 1% to 10% | | 5-10" | Y | |
| Betula papyrifera (paper birch) | 1% to 10% | | 5-10" | | |
| Crataegus monogyna (European hawthorn) | 1% to 10% | | | | |
| Holodiscus discolor (oceanspray) | 1% to 10% | | | | |
| Ilex aquafolium (English holly) | 1% to 10% | | | | |
| Salix scouleriana (Scouler's willow) | 1% to 10% | | | | |
| Sambucus racemosa (red elderberry) | 1% to 10% | | | | |
| Acer pseudoplatanus (Sycamore maple) | trace | | 0-5" | | |
| Fraxinus latifolia (Oregon ash) | trace | | 0-5" | Y | |
| Sorbus aucuparia (European mountain ash) | trace | | 0-5" | | |
| Berberis nervosa (Oregon grape) | trace | | | | |
| Gaultheria shallon (salal) | trace | | | | |
| Hedera helix (English ivy) | trace | | | | |

| Polygonum cuspidatum (Japanese knotweed) | trace |
|--|-------|
| Prunus laurocerasus (English laurel) | trace |
| Ranunculus repens (creeping buttercup) | trace |
| Rumex obtusifolius (bitter dock) | trace |
| Sonchus oleraceus (sow thistle) | trace |
| Spiraea douglasii (Douglas' spiraea) | trace |

Unit KERR*002

Size: 4.51 Acres

NVCS Class: Woodland

NVCS Subclass: Deciduous woodland NVCS Group: Cold-deciduous woodland NVCS SubGroup: Natural / Semi-natural

NVCS Ecological System: CES204.846 North Pacific Broadleaf Mesic Seral Forest

Landform: Side-hill, Middle 3rd

Slope: Gentle (10 to 20%)

Aspect: Southwest

Notes:

Visit date: 8/26/2003

Ecological Health: Severely Degraded.

% Tree canopy: 50%

% Non-Native Cover: not recorded

General Note:

Large deciduous unit with heavy invasives.

Management Note:

Management recommendations include removal of invasive understory and restoration to create a healthy functioning natural area.

Eco Note:

Good native canopy with some native shrubs. Heavy spots of CLVI on the ground and in the canopy.

Wetland indicators: Hydrophilic Vegetation. Primary Management concerns: Invasives. Visit Species:

| | COVER CLASS | DOMINANT | DBH | REGENERATING | PLANTED |
|--|-------------|----------|--------|--------------|---------|
| Acer macrophyllum (bigleaf maple) | 20% to 50% | Y | 10-20" | Y | |
| Alnus rubra (red alder) | 20% to 50% | Y | 10-20" | | |
| Acer circinatum (vine maple) | 10% to 20% | Y | | | |
| Corylus cornuta (western beaked hazelnut) | 10% to 20% | Y | | | |
| Rubus discolor (Himalayan blackberry) | 10% to 20% | Y | | | |
| Populus balsamifera ssp. trichocarpa (black cott | 10% to 20% | | >30" | | |
| Prunus avium (sweet pie cherry) | 10% to 20% | | 0-5" | Y | |
| Clematis vitalba (clematis) | 10% to 20% | | | | |
| Polystichum munitum (sword fern) | 10% to 20% | | | | |
| Rubus parviflorus (thimbleberry) | 10% to 20% | | | | |
| Rubus ursinus (trailing blackberry) | 1% to 10% | | | | |
| Amelanchier alnifolia (serviceberry) | trace | | | | |
| Physocarpus capitatus (Pacific ninebark) | trace | | | | |
| Vancouveria hexandra (white inside-out-flower) | trace | | | | |

Unit KERR*003

Size: 1.88 Acres NVCS Class: Forest

NVCS Subclass: Evergreen forest

NVCS Group: Temperate needle-leaved evergreen forest

NVCS SubGroup: Natural / Semi-natural

NVCS Ecological System: CES204.845 North Pacific Dry Douglas-fir Forest and Woodland

Landform: Side-hill, Middle 3rd

Slope: Gentle (10 to 20%)

Aspect: Northeast

Notes:

Visit date: 8/26/2003

Ecological Health: Poor. **% Tree canopy:** 70%

% Non-Native Cover: not recorded

General Note:

Small conifer stand on west side of natural area. There is moderate to heavy invasive in unit. CLVI is in shrubs and moving to trees.

Management Note:

Remove CLVI now before it takes over completely. Reduce dumping of debris by area residents.

Eco Note:

The unit is in poor health and needs to have invasives removed and native species re-established.

Primary Management concerns: Invasives, Informal Trails.

Visit Species:

| | COVER CLASS | DOMINANT | DBH | REGENERATING | PLANTED |
|--|-------------|----------|--------|--------------|---------|
| Pseudotsuga menziesii (Douglas fir) | 20% to 50% | Y | 20-30" | Y | |
| Alnus rubra (red alder) | 20% to 50% | Y | 10-20" | | |
| Polystichum munitum (sword fern) | 20% to 50% | Y | | | |
| Acer circinatum (vine maple) | 10% to 20% | Y | | | |
| Corylus cornuta (western beaked hazelnut) | 10% to 20% | Y | | | |
| Oemleria cerasiformis (Indian-plum) | 10% to 20% | Y | | | |
| Acer macrophyllum (bigleaf maple) | 10% to 20% | | 10-20" | Y | |
| Rubus parviflorus (thimbleberry) | 10% to 20% | | | | |
| Clematis vitalba (clematis) | 1% to 10% | | | | |
| Hedera helix (English ivy) | 1% to 10% | | | | |
| Holodiscus discolor (oceanspray) | 1% to 10% | | | | |
| Ilex aquafolium (English holly) | 1% to 10% | | | | |
| Prunus laurocerasus (English laurel) | 1% to 10% | | | | |
| Rubus ursinus (trailing blackberry) | 1% to 10% | | | | |
| Vancouveria hexandra (white inside-out-flower) | 1% to 10% | | | | |
| Amelanchier alnifolia (serviceberry) | trace | | | | |
| Tellima grandiflora (fringecup) | trace | | | | |
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